

VIDEO SIGNAL SEPARATING METHOD AND RELATED APPARATUS

Abstract

A method and/or apparatus for separating a video signal into a luminance signal and a chrominance signal is disclosed. The method first generates a target video signal and a plurality of reference video signals by delaying the video signal, then generates a plurality of intermediate signals such as an HCS, VCS and SLED according to the target signal and the plurality of reference signals, and finally generates the chrominance signal of the video signal by determining the HCS, the VCS, and the SLFD and generates the luminance signal of the video signal according to the chrominance signal of the video signal and the plurality of reference video signals.